

Illinois Commerce Commission

Pipeline Safety

Pipeline Safety Report

Inspection #: 2015-P-00337

Operator: AMEREN ILLINOIS COMPANY	Operator ID#: 32513
Exit Meeting Contact: Kevin Glaspy	Total Man Days: 2
Pipeline Safety Representative(s): Jim Watts	
Company Representative to Receive Report: Michael Fuller	Emailed Date:
Company Representative's Email Address: mfuller2@ameren.com	10/01/2015

Inspection Summary

Inspection Type	Location	ICC Analyst	Inspection Unit(s)	Man Day(s)	Inspection Date(s)	Contact(s)
Design Testing and Construction	Benton	Jim Watts	Marion	1	6/18/2015	Kevin Glaspy
Standard Inspection - Field Audit	Broughton	Jim Watts	Marion	1	6/19/2015	Brian Daily, Kevin Glaspy, Tony Garcia

Statement of Activities

On June 18, 2015, Staff observed the installation of a new 1 inch pe service to 1010 Putnam in Benton, Illinois. On June 19, 2015, Staff was to observe an Ameren Crew while installing an anode bank on a transmission pipeline located in the vicinity of County Road 000N, which is south of Broughton, Illinois. Upon arrival at the site, the crew conducted an initial review of the work site and determined by performing depth measurements on the pipeline, the depth of the pipeline in the area of the proposed excavation was approximately 7 feet deep. This is too deep to excavate without using a shoring box. There was insufficient space to utilize the benching method to protect the workers from cave-ins while in the excavation. To determine why the anode bed was being requested, the Ameren Crew conducted pipe-to-soil measurements that indicated potential levels of -1.45 volts at the first farm tap to the South (no address present but was the first house north of Douglas Road on Rt. 142) and -1.48 volts at the farm tap to the north at Box 137 Rt 142. We attempted to contact the corrosion technician for the area to see why he requested the bed, but he was not available.

Ameren Quality Assurance was requested to check with the corrosion department on why the bed was being requested as the potentials did not reflect low potentials. Staff later learned through Quality Assurance Consultant Kevin Glaspy that after recently completing work on the odorizing station that feeds this system, the Ameren Corrosion Technician established the system was below acceptable protection levels. He further investigated and established that originally there was no insulator between their supplier's pipeline and the Ameren system. This allowed the supplier's rectified system to protect this segment of Ameren pipeline in question. After completing the recent revisions at the odorizing station, the Ameren piping was insulated from the supplier which reduced the amount of cathodic protection being supplied to this system. For a short term repair, Ameren received permission from their supplier to install a bond until Ameren could install the necessary ground beds to achieve protective levels. Once the ground beds were installed, the bond would be removed. As of September 11, 2015, the work has been completed and the bond has been removed and the system is now protected using anodes.

While on site, Staff confirmed the presence of pipeline markers and they were observed as being adequately marked with the correct pipeline markers in the vicinity of the proposed work.

The above inspections were conducted to determine compliance with the code sections identified on the attached inspection forms. The inspection included numerous facilities which are identified in the comments sections of the inspection forms.

Exit Statement

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INSPECTION FINDINGS

Design Testing and Construction

Issues(s) Found:

[NO ISSUES FOUND]

Notice Of Amendment(s) Found:

[NO NOAS FOUND]

Notice Of Violation(s) Found:

[NO NOPVS FOUND]

Standard Inspection - Field Audit

Issues(s) Found:

[NO ISSUES FOUND]

Notice Of Amendment(s) Found:

[NO NOAS FOUND]

Notice Of Violation(s) Found:

[NO NOPVS FOUND]

PAST INSPECTION FINDINGS

Issue(s) Corrected:

[NO ISSUES CORRECTED]

Notice Of Amendment(s) Corrected:

[NO NOAS CORRECTED]

Notice of Violations(s) Corrected:

[NO NOPVS CORRECTED]